

PROJECT - 3

EduSchema Application

- Already attached Python files and SQL database file.
- Providing screenshots for the project work.

SCREENSHOTS:

- Table Values:

1. Courses:

Result Grid	Filter Rows:	Edit:	Export/Import:
CID	CourseName	Content	Duration
1	Machine Learning	An in-depth look at machine learning algorithms ...	14
2	Introduction to Psychology	Basic principles of psychology.	12
3	Data Structures and Algorithms	Core concepts in data structures and algorithm ...	16
4	Environmental Science	Study of the environment and solutions to envir...	10
5	Sociology	The study of social behavior and society.	9
NULL	NULL	NULL	NULL

2. Instructors:

Result Grid	Filter Rows:	Edit:
InstructorID	Iname	email
1	Sophia Green	sophia.green@example.com
2	Daniel White	daniel.white@example.com
3	Isabella Taylor	isabella.taylor@example.com
4	James Anderson	james.anderson@example.com
5	Ava Thomas	ava.thomas@example.com
NULL	NULL	NULL

3. Students:

Result Grid	Filter Rows:	Edit:
SID	StudentName	email
1	Sophia White	sophia.white@example.com
2	Jackson King	jackson.king@example.com
3	Mia Scott	mia.scott@example.com
4	Ethan Young	ethan.young@example.com
5	Amelia Walker	amelia.walker@example.com
NULL	NULL	NULL



NAME: TUSHAR SHINDE

USN: 21BTRCL114



SECTION: AIML-B

DATE: 23-06-24



4. Enrollments:

Result Grid   Filter Rows: <input type="text"/>				
	EID	SID	CID	EDate
▶	1	1	2	2024-02-10
	2	2	3	2024-02-11
	3	3	4	2024-02-12
	4	4	5	2024-02-13
	5	5	1	2024-02-14
✱	NULL	NULL	NULL	NULL

5. Grades:

Result Grid   Filter Rows: <input type="text"/>				
	GID	AID	SID	Grade
▶	1	1	3	92.50
	2	2	4	89.00
	3	3	5	84.75
	4	4	1	95.00
	5	5	2	90.25
✱	NULL	NULL	NULL	NULL


6. Assessments:

Result Grid   Filter Rows: <input type="text"/> <input type="button" value="Edit"/>				
	AID	CID	AName	DueDate
▶	1	1	Final Exam	2024-05-01
	2	2	Research Paper	2024-04-15
	3	3	Homework Assignment	2024-03-20
	4	4	Quiz	2024-04-05
	5	5	Group Project	2024-03-25
✱	NULL	NULL	NULL	NULL

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- **Buttons:**

 Project 3- EduSchema

Courses

Add Course	Update Course
Delete Course	Display Courses

Instructors

Add Instructor	Update Instructor
Delete Instructor	Display Instructors

Students

Add Student	Update Student
Delete Student	Display Students

Enrollments

Add Enrollment	Update Enrollment
Delete Enrollment	Display Enrollments

Assessments

Add Assessment	Update Assessment
Delete Assessment	Display Assessments

Grades

Add Grade	Update Grade
Delete Grade	Display Grades

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- Example Usage:

1.

Add Grade

Assessment ID

Student ID

Grade

Submit

Result Grid

	GID	AID	SID	Grade
▶	1	1	3	92.50
	2	2	4	89.00
	3	3	5	84.75
	4	4	1	95.00
	5	5	2	90.25
	6	3	2	90.00
*	NULL	NULL	NULL	NULL

```
PS C:\Users\Tushar Shinde\OneDrive\Desktop\New folder> python -u "c:\Users\Tushar Shinde\OneDrive\Desktop\New folder\database.py"
Connected to MySQL database
PS C:\Users\Tushar Shinde\OneDrive\Desktop\New folder> python -u "c:\Users\Tushar Shinde\OneDrive\Desktop\New folder\crud_operations.py"
Connected to MySQL database
PS C:\Users\Tushar Shinde\OneDrive\Desktop\New folder> python -u "c:\Users\Tushar Shinde\OneDrive\Desktop\New folder\main.py"
Connected to MySQL database
Grade added successfully
MySQL connection is closed
```

2.

Update Student

Student ID

Student Name

Email

Submit

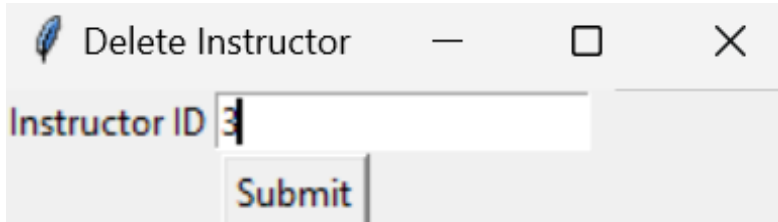
Connected to MySQL database
Student updated successfully
MySQL connection is closed

	SID	StudentName	email
▶	1	Sophia White	sophia.white@example.com
	2	Jackson King	jackson.king@example.com
	3	Tushar	tushar@gmail.com
	4	Ethan Young	ethan.young@example.com
	5	Amelia Walker	amelia.walker@example.com
*	NULL	NULL	NULL

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3.



A dialog box titled "Delete Instructor" with a feather icon. It contains a text input field labeled "Instructor ID" with the value "3" and a "Submit" button.

```
Connected to MySQL database
Instructor deleted successfully
MySQL connection is closed
```

Instructors Table:

	InstructorID	Iname	email
▶	1	Sophia Green	sophia.green@example.com
	2	Daniel White	daniel.white@example.com
	4	James Anderson	james.anderson@example.com
	5	Ava Thomas	ava.thomas@example.com
✱	NULL	NULL	NULL

Instructors_Archive Table:

	InstructorID	Iname	email
▶	3	Isabella Taylor	isabella.taylor@example.com
✱	NULL	NULL	NULL

4. Display Enrollments:

```
Connected to MySQL database
(1, 1, 2, datetime.date(2024, 2, 10))
(2, 2, 3, datetime.date(2024, 2, 11))
(3, 3, 4, datetime.date(2024, 2, 12))
(4, 4, 5, datetime.date(2024, 2, 13))
(5, 5, 1, datetime.date(2024, 2, 14))
MySQL connection is closed
```

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5.

Add Assessment

Course ID: 2

Assessment Name: Presentation

Due Date: 2024-05-10

Submit

Connected to MySQL database
Assessment added successfully
MySQL connection is closed

Result Grid

Filter Rows:

	AID	CID	AName	DueDate
▶	1	1	Final Exam	2024-05-01
	2	2	Research Paper	2024-04-15
	3	3	Homework Assignment	2024-03-20
	4	4	Quiz	2024-04-05
	5	5	Group Project	2024-03-25
	6	2	Presentation	2024-05-10
*	NULL	NULL	NULL	NULL

6. Display Courses:

Connected to MySQL database

```
(1, 'Machine Learning', 'An in-depth look at machine learning algorithms and applications.', 14)
(2, 'Introduction to Psychology', 'Basic principles of psychology.', 12)
(3, 'Data Structures and Algorithms', 'Core concepts in data structures and algorithm design.', 16)
(4, 'Environmental Science', 'Study of the environment and solutions to environmental issues.', 10)
(5, 'Sociology', 'The study of social behavior and society.', 9)
```

MySQL connection is closed